## **EAST Search History**

| Ref<br># | Hits   | Search Query   | DBs                           | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|--|-------------------------------|---------------------|---------|------------------|
| LI       | 293    | microphone near5 array                                       | FPRS; EPO;<br>JPO;<br>IBM_TDB | ADJ                 | ON      | 2006/12/15 08:06 |
| L2       | 37     | microphone near10 calibrat\$3                                | FPRS; EPO;<br>JPO;<br>IBM_TDB | ADJ                 | ON      | 2006/12/15 08:06 |
| L3       | 3      | 1 and 2  | FPRS; EPO;<br>JPO;<br>IBM_TDB | ADJ                 | ON      | 2006/12/15 08:07 |
| SI       | 400    | 381/92.ccls. and (@ad<"20030725" or @rlad<"20030725")        | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/12 11:02 |
| S2       | 630    | microphone near10 calibrat\$3                                | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:29 |
| S3       | 1774   | microphone near5 array                                       | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:39 |
| S4       | 1178   | microphone near10 (mismatch\$3 or match\$3)                  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:19 |
| S5       | 47120  | (gain or phase) near5 error                                  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:40 |
| S7       | 5330   | self-calibrat\$3 or (self calibrat\$3)                       | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/12 11:25 |
| S8       | 2040   | (direction of arrival) or (DOA)                              | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:19 |
| S9       | 2410   | audio frame  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:19 |
| S10      | 5665   | estimat\$3 near5 gain  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:39 |
| S11      | 17098  | comput\$5 near10 energy                                      | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:18 |
| S12      | 141508 | real-time  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/12 11:57 |
| S13      | 404    | source localization  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/12 12:00 |
| S14      | 34     | S1 and S2  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/12 12:01 |
| S15      | 17126  | comput\$5 near10 energy                                      | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:18 |
| S16      | 2414   | audio frame  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:34 |
| S17      | 2041   | (direction of arrival) or (DOA)                              | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:19 |
| S18      | 1179   | microphone near10 (mismatch\$3 or match\$3)                  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:40 |
| S19      | 1      | S15 and S16 and S17  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:28 |
| S20      | 2      | S15 and S18 and S17  | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:28 |
| S21      | 633    | microphone near10 calibrat\$3                                | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 11:30 |
| S23      | 0      | S17 and S21 and S15 and (@ad<"20030725" or @rlad<"20030725") | US-PGPUB;<br>USPAT            | ADJ                 | ON      | 2006/12/14 12:0  |

## **EAST Search History**

| S24 | 979118 | frame   | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 11:36 |
|-----|--------|---|------------------------------|-----|----|------------------|
| S26 | 31     | (S17 same S24) and (@ad<"20030725" or @rlad<"20030725")                               | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 11:38 |
| S27 | 1781   | microphone near5 array  | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 11:39 |
| S28 | 75     | S21 and S27 and (@ad<"20030725" or @rlad<"20030725")                                  | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 12:13 |
| S29 | 5670   | estimat\$3 near5 gain   | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 11:39 |
| S30 | 47170  | (gain or phase) near5 error   | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 11:40 |
| S31 | 67049  | (amplitude or level or phase) near10 (mismatch\$3 or match\$3)                        | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 11:40 |
| S32 | 10     | S18 and S29 and (@ad<"20030725" or @rlad<"20030725")                                  | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 11:47 |
| S33 | 10     | ("3542954"   "4653102"   "5226087").PN. OR<br>("5515445").URPN.                       | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2006/12/14 11:59 |
| S34 | 16     | S21 and S15 and (@ad<"20030725" or @rlad<"20030725")                                  | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 12:01 |
| S35 | 13012  | estimat\$3 near5 (direction or angle)   | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 12:09 |
| S36 | 10     | S35 and S27 and S16 and (@ad<"20030725" or @rlad<"20030725")                          | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 12:10 |
| S37 | 107    | (S30 or S31) and S21 and (@ad<"20030725" or @rlad<"20030725")                         | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 12:14 |
| S38 | 20     | S37 and S27   | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 13:42 |
| S39 | 513    | 381/56,58.ccls. and (@ad<"20030725" or<br>@rlad<"20030725")                           | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 13:43 |
| S40 | 2471   | (348/14.\$.ccls. or 379/202.01,206.01.ccls.) and (@ad<"20030725" or @rlad<"20030725") | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 13:43 |
| S41 | 36     | (S39 or S40) and S18  | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 13:44 |
| S42 | 33     | (S39 or S40) and S21  | US-PGPUB;<br>USPAT           | ADJ | ON | 2006/12/14 14:17 |